



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAME APPLICANT	ATTORNEY DOCKET NUMBER
09/415471	10/08/1999	Mark E. Gardiner	28724/35321

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Examiner: Nguyen, Sang

Art Unit
2877

Paper Number
#

Date Mailed: May 26, 2004

Notice Regarding Drawings

Corrected drawings for the above-identified application, received in the USPTO on **October 8, 1999** and **January 15, 2002** still not acceptable for the reason(s) identified on the attached PTO-948. Applicant is given one opportunity to correct the informalities within a two-month time period from the mailing date of this Notice. **THIS TIME PERIOD IS NOT EXTENDABLE UNDER EITHER 37 CFR 1.136(a) OR 1.136(b).** Failure to take corrective action within the set period will result in abandonment of the application.

ATTACHMENT: PTO-948 Notice of Draftsperson's Patent Review

RETURN CORRECTED DRAWINGS TO:
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date): 1145023 10/8/99 are:

A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.

B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable

-categories of drawings: Black ink or
Color (3 sets required).-Color drawings are not acceptable until petition is
granted. Fig(s) _____

-Pencil and non black ink not permitted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b):

-One (1) full-tone set is required. Fig(s) _____

-Photographs may not be mounted. 37 CFR 1.84(e)

-Photographs must meet paper size requirements of
37 CFR 1.84(f). Fig(s) _____

-Poor quality (half-tone). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(e)

-Paper not flexible, strong, white, and durable.

Fig(s) _____

-Erasures, alterations, overwritings, interlineations,
folds, copy machine marks not accepted.

Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable

sizes:

-21.0 cm by 29.7 cm (DIN size A4) or

-21.6 cm by 27.9 cm (8-1/2x 11 inches)

-All drawing sheets not the same size

Sheet(s) _____

-Drawings sheets not an acceptable size. Fig(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

-Margins not acceptable. Fig(s) _____

Top (T) _____ Left (L) _____

Right (R) _____ Bottom (B) _____

6. VIEWS. 37 CFR 1.84(h)

REMINDER: Specification may require revision to
correspond to drawing changes, e.g., if Fig. 1 is
changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the
specification, at the Brief Description of the Drawings,
must likewise be changed.

-Views not labeled separately or properly.

Fig(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

-Sectional designation should be noted with
Arabic or Roman numbers. Fig(s) _____

COMMENTS:

* Proposed changes in Fig 2-11 need to be
modified -

Reviewer _____

If you have questions, call (703) 305-8404

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i):

-Words do not appear on a horizontal, left-to-right
fashion when page is either upright or turned so
that the top becomes the right side, except for
graphs. Fig(s) _____

9. SCALE. 37 CFR 1.84(k)

-Scale not large enough to show mechanism
without crowding when drawing is reduced in
size to two-thirds in reproduction.
Fig(s) _____10. CHARACTER OF LINES, NUMBERS, &
LETTERS. 37 CFR 1.84(l)-Lines, numbers & letters not uniformly thick and
well defined, clean, durable, and black (poor line
quality). Fig(s) 1-11

11. SHADING. 37 CFR 1.84(m)

-Solid black areas pale. Fig(s) _____

-Solid black shading not permitted. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE
CHARACTERS. 37 CFR 1.84(p)-Numbers and reference characters not plain and
legible. Fig(s) 1-11

-Figure legends are poor. Fig(s) _____

-Numbers and reference characters not oriented in
the same direction as the view. 37 CFR 1.84(p)(1)
Fig(s) _____-English alphabet not used. 37 CFR 1.84(p)(2)
Fig(s) _____-Numbers, letters and reference characters must be
at least 32 cm (1/8 inch) in height. 37 CFR
1.84(p)(3). Fig(s) 1-11

13. LEAD LINES. 37 CFR 1.84(q)

-Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS.
37 CFR 1.84(t)-Sheets not numbered consecutively, and in Arabic
numbers beginning with number 1. Sheet(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

-Views not numbered consecutively, and in Arabic
numerals, beginning with number 1. Fig(s) _____

16. DESIGN DRAWINGS. 37 CFR 1.152

-Surface shading shown not appropriate.
Fig(s) _____-Solid black surface shading is not permitted except
when used to represent the color black as well as
color contrast. Fig(s) _____

Date 5/26/04

Attachment to Paper No. _____